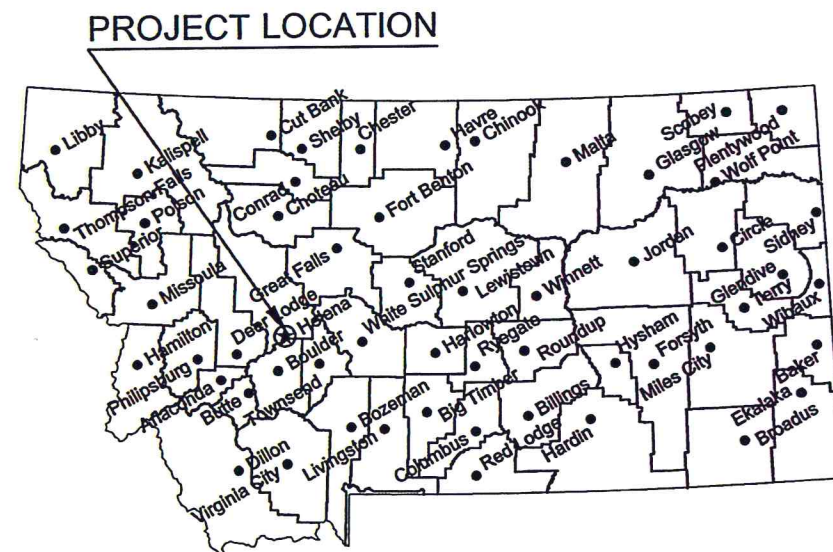


HELENA AREA RESOURCE OFFICE ROOF REPLACEMENT

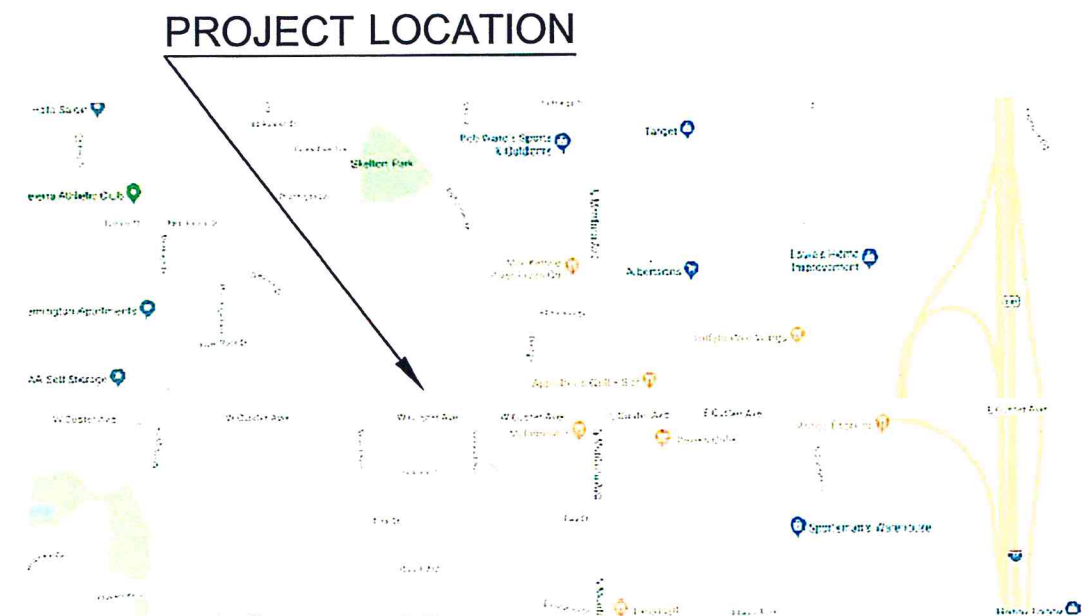
930 Custer Ave. Helena, MT

FWP # 7139152



Location Map

No Scale



Vicinity Map

No Scale

MONTANA FISH, WILDLIFE AND PARKS
DESIGN AND CONSTRUCTION BUREAU

MAILING ADDRESS:
PO BOX 200701
HELENA, MT 59620-0701

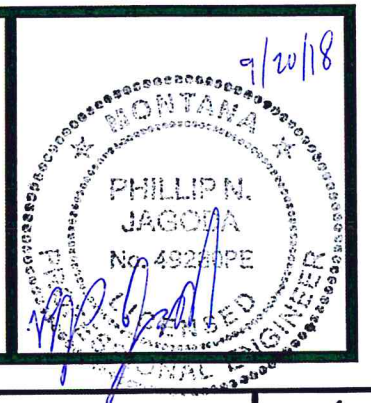
PHYSICAL ADDRESS:
1522 9th AVENUE
HELENA, MT 59601

TEL 406.841.4000
FAX 406.841.4004

fwp.mt.gov/Doing Business/Design&Construction

DRAWING INDEX

SHEET 1 - COVER
SHEET 2 - ROOF PLAN VIEW
SHEET 1 - BUILDING ELEVATIONS AND PHOTO



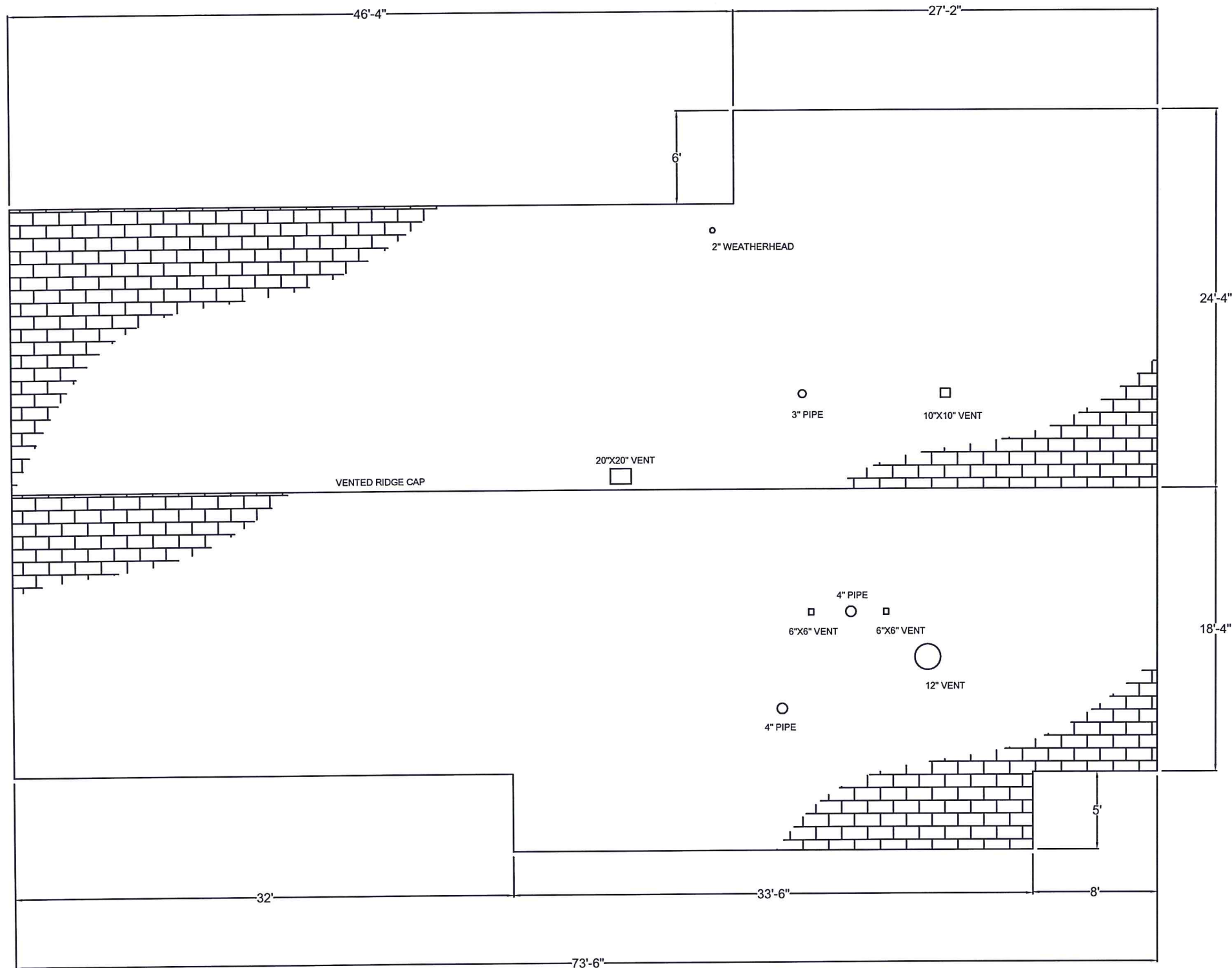
J. Kevin McDonnell	7.2018				
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CHECKED BY:	DATE:	APPROVED BY:	DATE:	APPROVED BY:	DATE:



Montana Fish,
Wildlife & Parks

COVER
HARO ROOF REPLACEMENT

SHEET:
1
of
3



NOTES

- All dimensions, location and size of roof penetrations, and attic vents are to be verified by bidders.
- Remove existing asphalt shingles and dispose of in a safe and legal manner.
- Prepare structural substrate to receive underlayment by verifying the surface is smooth and free of fasteners and debris.
- Install seal-down ice and water protection underlayment approved for use under steel roofing over entire roof to manufacturer's recommendations. Underlayment submittal required.
- Install standing seam roofing with vented ridge cap and all associated accessories, replace roof jacks and flashing. Install to manufacture's recommendations and project specification. Metal roofing submittal required.
- Install metal fascia over exist wood fascia to completely cover exposed surfaces on upper and lower fascia courses. The new fascia shall cover bottom edge of wood fascia and return up the back of the lower fascia a minimum of $\frac{1}{2}$ inch. Install metal fascia in two courses. Provide slotted fastener openings and fasten the metal to the wood to prevent wrinkling of the metal due to thermal expansion. Metal fascia submittal required.
- Replace 4" diameter attic vents at all locations. The vents are located between the rafters on the upper wall surface.
- Necessary permits will be obtained by the owner.

CLEANING AND PROTECTION OF FACILITIES

- Remove excess materials and debris from finished surfaces and adjacent roof areas.
- Remove all debris from the site daily. Dispose of debris in a safe and legal manner.
- Protect landscaping from damage while removing existing shingles and stocking materials. Lay out tarps under work areas to completely cover landscaping while removing shingles.
- Exercise care to assure that all nails and scraps are removed from the site.
- Cover structural substrate with water proof sheet material when exposed overnight or when adverse weather is imminent.
- Protect installed products until completion of project.
- Touch-up, repair or replace damaged products or existing facilities before Final Inspection.

SEE PROJECT MANUAL FOR COMPLETE SPECIFICATION

PLANVIEW ROOF
Not to Scale

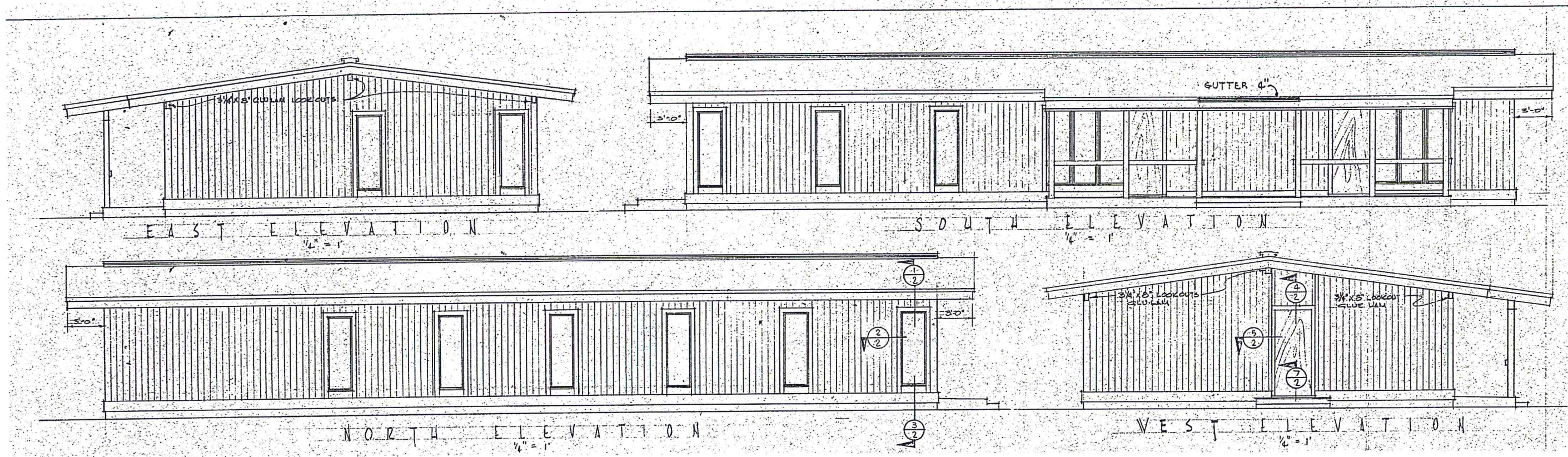
J. Kevin McDonnell	7.2018				
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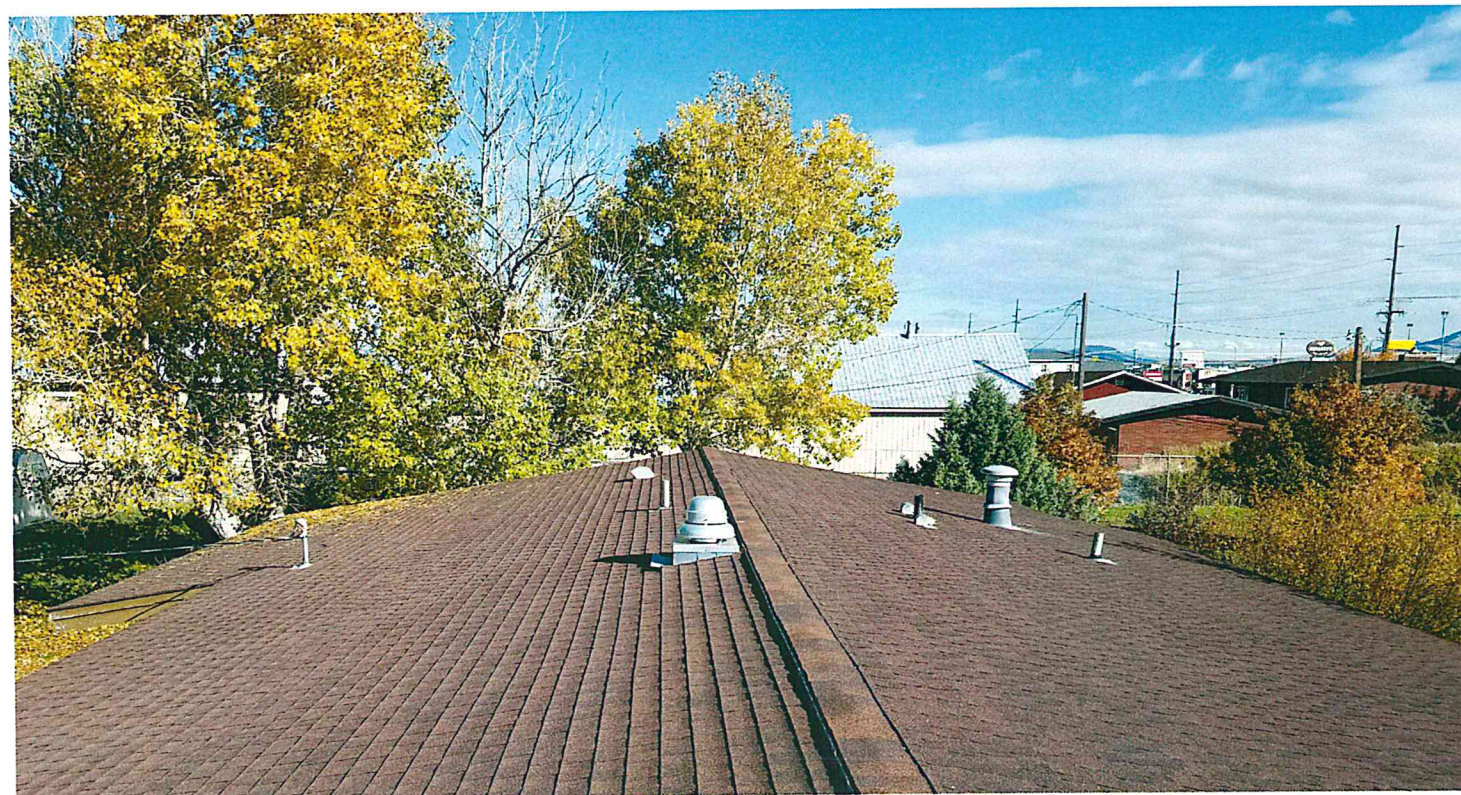
Montana Fish & Wildlife 117

BUILDING DETAILS
HARO ROOF REPLACEMENT

SHEET: 2 of 3



BUILDING ELEVATIONS
Not to Scale



EXISTING ROOF

J. Kevin McDonnell	7.2018				
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CHECKED BY:	DATE:	APPROVED BY:	DATE:	APPROVED BY:	DATE:



**Montana Fish,
Wildlife & Parks**

**BUILDING DETAILS
HARO ROOF REPLACEMENT**

SHEET: 3
of 3